



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBW1205G00231-3G-1

Job Sheet 172542



Part No: RBW1205G00231-3G-1

Job Qty: 3 ea *7*

Part Name: Body



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/20/18

Job Tracking No:

Due Date: 3/2/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW1205G00231-3G Rev 2B IPP Rev A 18.02.14 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	3 Ea	3/1/18	3/1/18	0.00	0.00	Start Up Machining		<i>mk 18/04/05</i>
110	Mori Seiki	3 pcs	3/2/18	3/2/18	0.00	6.00	MORI NV5000-1		<i>mk 18/04/05</i>
120	QC	3 pcs	3/2/18	3/2/18	0.00	0.00	QC2-2		<i>mk 18/04/05</i>
130	QC	3 pcs	3/2/18	3/2/18	0.00	0.00	QC8		<i>18-04-06</i>
150	Outsource	3 pcs	3/2/18	3/2/18	0.00	0.00	Outsource4		<i>18-04-09</i>
160	Packaging	3 pcs	3/2/18	3/2/18	0.00	0.00	Packaging2		<i>18-04-17</i>
170	QC	3 pcs	3/2/18	3/2/18	0.00	0.00	QC6		<i>38</i>
180	Packaging	3 pcs	3/2/18	3/2/18	0.00	0.00	Packaging3-1		<i>18-04-18</i>
190	QC21-SA	3 Ea	3/2/18	3/2/18	0.00	0.00	QC21		<i>GA/02</i>

Part Op 110 - 1- Cut blank at 2.5" 1-Machine as per folio FB871 FOLIO REV: _____ DWG REV: _____ 2-Deburr
Descriptions: 120 - Engrave T/N and/or P/N number using Marktronic engraver as per DWG.
150 - Issue P/O to ATG: R039539 - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required

DAS
21 APR 18 018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6B1.250X01.250	6061-T6 Bar 1.25 X 1.25	.6000 ft (.2 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M6061T6B1.250X01.250	1	29	0

FH137586

Part Specifications

not be found.

Plex 2/22/18 5:50 PM dart.kirouac.francois



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S058565



Part: RBW1205G00231-3G-1

Job No: 172542

Serial No/Batch: S058565

Revision: 28

Inspector:



Dart Aerospace Ltd.
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RBW1205G00231-3G-1

Job Sheet 172542



Part No: RBW1205G00231-3G-1

Job Qty: 3 ea

Part Name: Body



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/20/18

Job Tracking No:

Due Date: 3/2/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW1205G00231-3G Rev 2B IPP Rev A 18.02.14 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	3 Ea		3/1/18	0.00	0.00	Start Up Machining		
110	Mori Seiki	3 pcs		3/2/18	0.00	6.00	MORI NV5000-1		
120	QC	3 pcs		3/2/18	0.00	0.00	QC2-2		
130	QC	3 pcs		3/2/18	0.00	0.00	QC8		
150	Outsource	3 pcs		3/2/18	0.00	0.00	Outsource4		
160	Packaging	3 pcs		3/2/18	0.00	0.00	Packaging2		
170	QC	3 pcs		3/2/18	0.00	0.00	QC6		
180	Packaging	3 pcs		3/2/18	0.00	0.00	Packaging3-1		
190	QC21-SA	3 Ea		3/2/18	0.00	0.00	QC21		

Part Op 110 - 1-Machine as per folio FB _____ FOLIO REV: _____ DWG REV: _____ 2-Debur

Descriptions: 120 - Engrave T/N and/or P/N number using Marktronic engraver as per DWG.

150 - -Issue P/O to ATG: _____ - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6B1.250X01.250	6061-T6 Bar 1.25 X 1.25	.6000 ft (.2 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M6061T6B1.250X01.250	1	29	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
☐ OTHER : _____					

DART AEROSPACE LTD		Work Order:	172542
Description:		Part Number:	
Inspection Dwg:	Rev:	Page 1 of 1	

INSPECTION SHEET

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.20	± 0.010	1.200	—		Vern H-08	
$\phi .196$	$\pm .001$	$\phi .198$	—			
1.70	± 0.010	1.700	—			
.36	± 0.010	.360	—			
.23	± 0.010	.230	—			
.71	± 0.010	.710	—			
.36	± 0.010	.360	—			
$\phi .319$	$\pm .003$	$\phi .319$	—			
.98	± 0.010	.980	—			
$\phi .500$	$\pm .002$	.499	—			
.255	$\pm .005$	.257	—			
.06 X 45°	± 0.010	.060 X 45°	—			
R.03	± 0.010	R.030	—			R-6
2.06	± 0.010	2.060	—			Vern H-08
1.70	± 0.010	1.700	—			
1.35	± 0.010	1.351	—		R-6 Vern H-08	
.474	$\pm .005$	.474	—			
.103	$\pm .005$	.103	—			
$\phi .079$	$\pm .001$	$\phi .080$	—			
1.33	± 0.010	1.330	—			
1.125	± 0.010	1.128	—			
.36	± 0.010	.360	—			
.71	± 0.010	.710	—			
$\phi .63$	± 0.010	.630	—			
R.12	± 0.010	R.125	—			R-6
$\phi .425$	$\pm .005$	$\phi .425$	—			Vern H-08
.390	$\pm .005$	.390	—			
.100	$\pm .005$	.100	—			

Measured by:	<i>ML</i>	Checked by:	DAS 20 9-89	QC Inspector:	
Date:	18/04/05	Date:	18-04-06	Date:	

Engineering Approval: (If necessary)		Date:	
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Rev	Date	Change	Revised by	Approved
A	14.07.31	New Issue	KJ	

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

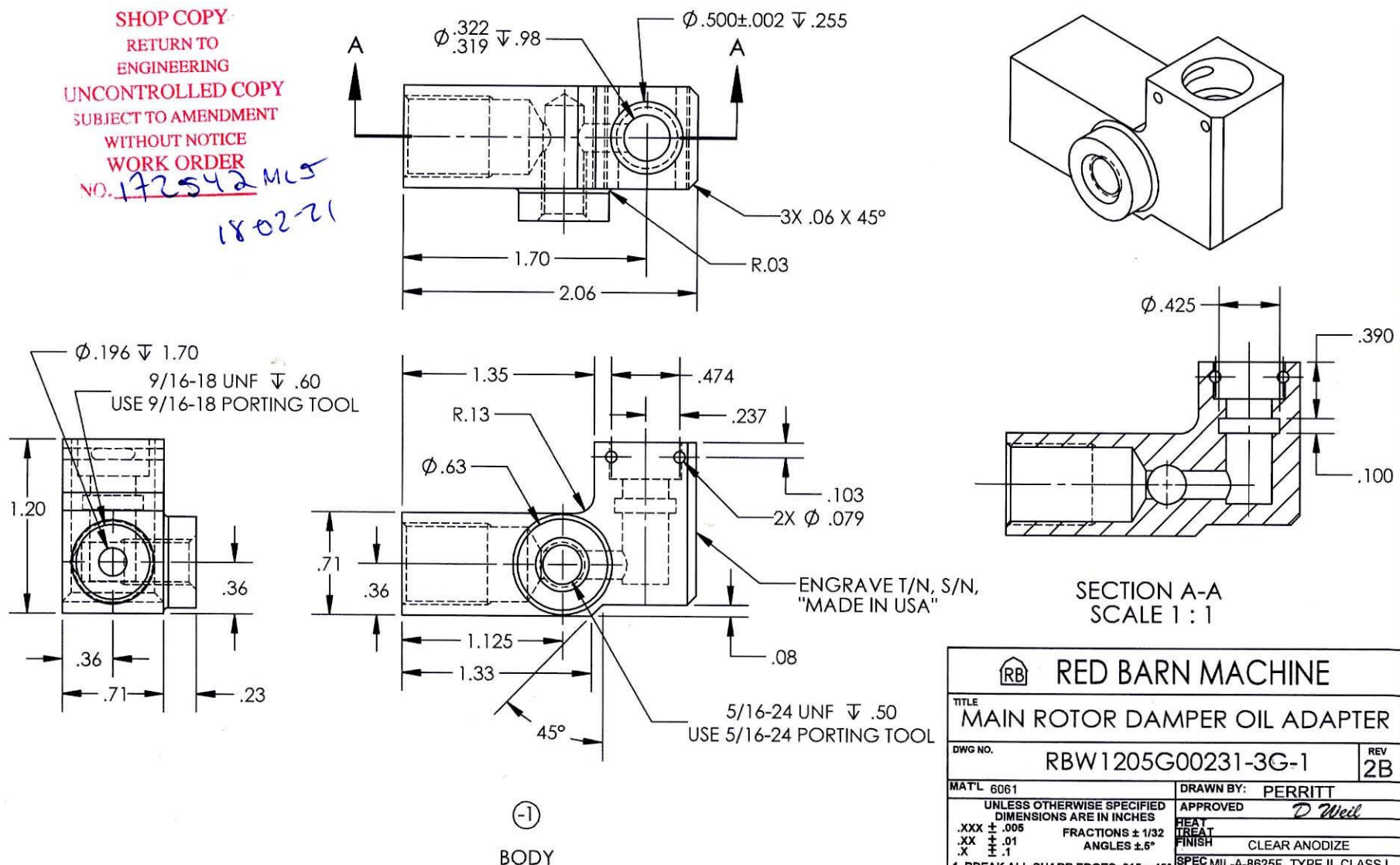
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	-1 REMOVED 7/16-20 THREADED NIPPLE, MOVED RELEIF VALVE .100.	2/24/2011	JAG	
2	-1 CHD TO USE PORTING TOOL 2 PLACES.	12/20/2011	JAG	
2A	-1 ADDED ENGRAVE NOTE PER S.E.	3/28/2012	RJC	SE
2B	-1 DELETED $\nabla \phi .37 \times 90^\circ$, NEAR SIDE CALLOUT FROM 5/16-24 $\nabla .50$ BECAUSE 5/16-24 PORTING TOOL MAKES THIS FEATURE	1/21/2014	DPD	GE

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 172542 MJS
180221



(-1)
BODY

SECTION A-A
SCALE 1 : 1

RED BARN MACHINE	
TITLE MAIN ROTOR DAMPER OIL ADAPTER	
DWG NO. RBW1205G00231-3G-1	REV 2B
MAT'L 6061	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH
.X ± .1	CLEAR ANODIZE
1. BREAK ALL SHARP EDGES .015 x 45°	SPEC MIL-A-8625F, TYPE II, CLASS I
OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AGUSTA
SCALE 1:1	DATE 2/23/2011
SHEET 2 OF 5	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039539

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039539
PO Date: 4/9/18
Due Date: 4/27/18
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Tsimiklis, Chrisoula

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	171156	646.2910	Deflector Issue P/O to ATG : Hard Anodize, Color Black / Prime As per Dwg 646.2900 Rev. N/C	Firmed	4/27/18	8 pcs	0 pcs	8 pcs	\$50.80/pcs	\$406.40
2	171158	646.3110	Channel Issue P/O to ATG : 1- Hard Anodize Black and Prime as per Dwg 646.3100	Firmed	4/27/18	12 pcs	0 pcs	12 pcs	\$13.45/pcs	\$161.40
3	174111	646.3110	Channel Issue P/O to ATG : 1- Hard Anodize Black and Prime as per Dwg 646.3100	Firmed	4/27/18	6 pcs	0 pcs	6 pcs	\$13.45/pcs	\$80.70

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	175006	649.5212	Bracket Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A- 8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF- 23377 TYPE 1 CLASS N	Firmed	4/27/18	11 pcs	0 pcs	11 pcs	\$11.80/pcs	\$129.80
Line Item Note need ready asap!										
5	175007	649.5214	Bracket Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A- 8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF- 23377 TYPE 1 CLASS N	Firmed	4/27/18	11 pcs	0 pcs	11 pcs	\$11.80/pcs	\$129.80
Line Item Note need ready asap!										
6	172542	RBW1205G00231-3G-1	Body -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required	Firmed	4/27/18	7 pcs	0 pcs	7 pcs	\$12.80/pcs	\$89.60
D-1 33 9-18										
7	172656	RBW7839-2G-1	Quill -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	4/27/18	8 pcs	0 pcs	8 pcs	\$12.80/pcs	\$102.40
Grand Total:										\$1,100.10
Order Notes										



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914943

Date: 13-Apr-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
7 ea	Part: RBW1205G00231-3G-1 Body Anodize per MIL-A-8625F, Type II, Class 1, Clear, .0004-.0010" (.4 - 1 mils) Water Seal Job: 22859 Rev: PO: PO039539 Line: 6		
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>13/4/18</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			

Made in Canada.